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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kulbinder K. Banger et al.

Serial No.: 10/698,118

Filing Date: October 31, 2003

Title: SINGLE-SOURCE PRECURSORS FOR TERNARY CHALCOPYRITE MATERIALS, AND METHODS OF MAKING AND USING THE SAME

Docket No.: 35089US1

INFORMATION DISCLOSURE STATEMENT

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Sir:

In accordance with Rule 56, applicants are aware of the publications listed in the enclosed copy of Patent Office Form 1449. Since the Office has waived the requirement under 37 C.F.R §1.98(a)(2)(i) for submitting copies of cited U.S. patents and U.S. patent application publications, a copy of each listed U.S. patent or U.S. patent application publication is not being submitted herewith. Copies of all other cited documents are enclosed. Please charge any fee deficiencies and credit any overpayments to Deposit Account No. 16-0820, Order No. 35089US1.

Respectfully submitted,
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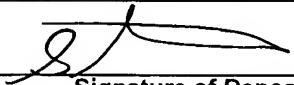
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INFORMATION DISCLOSURE CITATION

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APPLICANT:

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GROUP ART

UNIT: 1621

U.S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass	Filing Date If Appropriate
	A						
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	C						

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation
	D						

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	E	Tarrant, D., et al., "I-III-VI ₂ Multinary Solar Cells Based on CuInSe ₂ ", <i>Proc. 23rd IEEE Photovoltaic Specialist Conference</i> , 1993, pp. 372-378.
	F	Shibata, J., et al., "Transmission Electron Microscopic Studies of LiNb0.5Ta0.5O ₃ Films Deposited on Sapphire Substrates by Thermal Plasma Spray CVD (Microstructure of LiNb0.5Ta0.5O ₃ Films Deposited by Thermal Plasma Spray CVD)", <i>Materials Transactions</i> , 2002, 43(7), pp. 1517-1524
	G	Hollingsworth, J.A., et al., "Spray Chemical Vapor Deposition of CuInS ₂ Thin Films for Application in Solar Cell Devices", <i>Mat. Res. Soc. Symp. Proc.</i> , 1998, vol. 495, pp. 171-176.
	H	Jin, M. H., et al., "Thin Film CulnS ₂ Prepared by Spray Pyrolysis with Single-Source Precursors", <i>Conference Record of the 29th IEEE Photovoltaic Specialists Conference</i> , 2002, pp. 672-675.
	I	Harris, J.D., et al., "Using Single Source Precursors and Spray Chemical Vapor Deposition to Grow Thin-Film CuInS ₂ ", <i>Proc. of the 28th IEEE Photovoltaic Specialists Conference</i> , 2000, pp. 563-566.
	J	

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